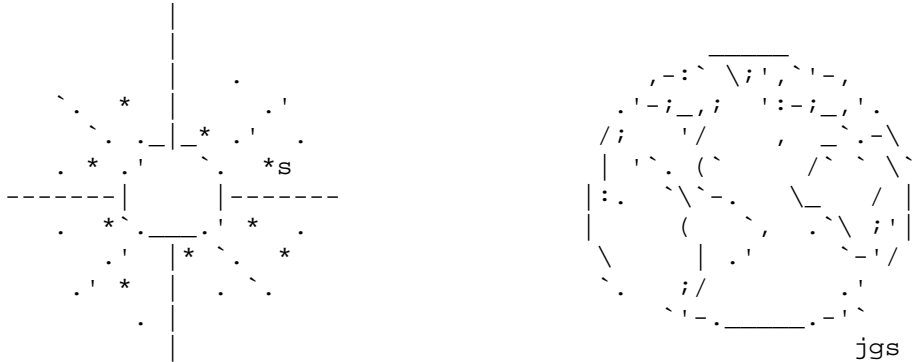


# THE SUN-EARTH CONNECTION

An Education and Public Outreach (E/PO) Newsletter  
for the Sun-Earth Connection Science Community - and beyond!  
January 30, 2009 Volume X, Issue 1

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## ----- 1. "CBS Sunday Morning" Feb. 1 with Dick Fisher on Space Weather -----

SOHO provided several video clips of the Sun and numerous still solar images to a "CBS Sunday Morning" producer and assisted with their taping of an interview with Dick Fisher, head of the Heliophysics Division at Goddard Space Flight Center, on Jan. 23. The space weather segment of the show is tentatively scheduled to appear on Feb. 1. In most areas that show airs at 9 am, though in Los Angeles it airs at 6 am.

Contact: Steele Hill [steele.w.hill@nasa.gov](mailto:steele.w.hill@nasa.gov)

## ----- 2. Sun-Earth Day Webcast March 20th at 1:00 EST -----

<http://sunearthday.nasa.gov>

When: March 20, 2009 at 1:00 EST

Where: NASA Goddard Space Flight Center, NASA Jet Propulsion Laboratory, Adler Planetarium, Houston Museum of Natural Science, and webcast at the URL above.

During the webcast a panel of scientists - Eric Christian, Nicky Fox, Terry Kucera and Sten Odenwald -- will share some of the

thrilling discoveries on the Sun, while students monitor the Sun and prepare their own Space Weather forecast. Students from Houston will demonstrate their own sundials. Viewers will be delighted by some new and exciting images and visualizations. Questions will be taken from each of the live sites and answered by the scientists at Goddard Space Flight Center.

Contact: Elaine Lewis- Elaine.M.Lewis@nasa.gov

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### 3. SOLAR WEEK MARCH 9-13th

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[www.solarweek.org](http://www.solarweek.org)

Once every fall and spring since 2000, Solar Week provides a weeklong series of web-based educational classroom activities and games geared for elementary, middle, and high school students, with a particular emphasis on engaging girls in science. The interactive Solar Week website is especially designed to spark the interest of pre- and early-teen girls in science and also to facilitate interaction for students of both genders with leading female scientists as role models at the forefront of solar-terrestrial research. Solar Week 2009 will feature the Let's Observe the Sun Safely program, facilitating the participation of every student. Solar Week activities are a natural fit for 2009's International Year of Astronomy in the context of observing sunspots, using telescopes, and reaching out to underserved audiences, particularly girls.

It's a lively week of online activities and curriculum for students about the Sun, including games and lesson plans for the whole week. In addition, there's a message board where your classroom can submit a question to solar scientists.

Solar Week is ideal for students studying the solar system, the stars, and astronomy in general. It's also for kids wondering what it's like being a scientist, and possible career choices. Participation makes for a fun computer lab activity as well. The website is especially designed to spark the interest of pre- and early-teen students with activities and interaction with leading scientists at the forefront of Sun-Earth research.

#### WEEK-LONG INTERACTIVE MESSAGE BOARD:

<http://www.solarweek.org/CS>

Solar Week has an interactive message board, where classrooms can pose questions of leading solar scientists. Want to know what they know about the Sun?

-- Karin Hauck      [karin@ssl.berkeley.edu](mailto:karin@ssl.berkeley.edu)

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### 4. CINDI Radio Show, Week of February 1st

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Tune into the Earth and Sky radio program the week of February 1st to hear the PI of CINDI, Dr. Rod Heelis, discussing the CINDI results in a show titled, "Space Storms Disrupt GPS, Satellite Radio Signals". The Coupled Ion Neutral Dynamics Investigation (CINDI) is a joint NASA/US Air Force funded ionospheric (upper atmosphere) plasma sensors built by the Center for Space Sciences at the University of Texas at Dallas.

Check your local listings  
<http://www.earthsky.org/about/radio-affiliates>.  
Or available as a podcast thereafter at  
<http://www.earthsky.org/radioshows/>.

Contact: Marc R Hairston [hairston@utdallas.edu]

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The Sun-Earth CONNECTION Education and Public Outreach newsletter is issued every 4-8 weeks. Back issues can be found at

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The Newsletter is sponsored by the Sun-Earth Connection Education Forum (Goddard Space Flight Center and UC Berkeley; Bryan Méndez and Jim Thieman, Co-Directors) Sun-Earth Connection Education Forum Web Site:

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